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**Amendments to the Specification**

Paragraph [0050] of the application as published is amended as follows:

Figure relative 3b provides the resulting expression level plot of relative RNAP binding probability  $\Delta P$  for typical cellular TF concentrations ( $n_A, n_B = 3500, q_0 = 0.027, \omega = 20$ , which may be considered as the input-output characteristic of the system), represented by: